



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection – Title 5 Permitting

# BRP WP 70 Alternative Design Flow for Title 5 Systems

## BRP WP 70a Non-Sanitary Wastewater Discharges to Title 5 Systems

### Instructions & Supporting Materials

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#### Introduction

MassDEP *Permit Applications*, as well as *Instructions & Support Materials*, are available for download from the MassDEP Web site at [mass.gov/dep](http://mass.gov/dep) in two file formats: Microsoft Word™ and Adobe Acrobat PDF™. Either format allows documents to be printed.

*Instructions & Support Materials* files in Microsoft Word™ format contain a series of documents that provide guidance on how to prepare a permit application. Although we recommend that you print out the entire package, you may choose to print specific documents by selecting the appropriate page numbers for printing.

*Permit Applications* in Microsoft Word™ format must be downloaded separately. Users with Microsoft Word™ 97 or later may complete these forms electronically.

Permitting packages in Adobe Acrobat PDF™ format combine *Permit Applications* and *Instructions & Support Materials* in a single document. Adobe Acrobat PDF™ files may only be viewed and printed without alteration. *Permit Applications* in this format may not be completed electronically.



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### **Permit Fact Sheet**

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#### **1. What is the purpose of this approval?**

This approval is necessary to allow for a determination of an alternative Title 5 design flow (BRP WP 70) or for the discharge of small quantities of non-sanitary wastewater to Title 5 systems (BRP WP 70a). The purpose of Title 5 is to provide for the protection of public health, safety, welfare and the environment by requiring the proper siting construction, upgrade, and maintenance of on-site sewage disposal systems and appropriate means for the transport and disposal of septage.

You must obtain approval from MassDEP for the use of an alternative Title 5 design flow pursuant to 310 CMR 15.203(6) and for the discharge of non sanitary wastewater discharges to Title 5 systems pursuant to 310 CMR 15.004(4).

Please be advised that the purpose of the BRPWP70 Alternative Design Flow in accordance with 310 CMR 15.203(6) is solely for the design of a septic system not for the expansion of a facility, the determination of available capacity in an existing system, or the issuance of an occupancy permit for vacant space in a commercial building. These determinations are made by the Local Approving Authority.

#### **2. Who must apply?**

- A) Any individual, business or organization proposing the use of an alternative Title 5 design flow pursuant to 310 CMR 15.203(6)
- B) Any individual, business or organization proposing to discharge non sanitary wastewater to a Title 5 system.

#### **3. What other requirements should be considered when applying for this approval?**

Check with the local approving authority for any local by laws, which may address this proposed use.

Note: These additional requirements are intended to serve as a guide to the applicant. They do not necessarily include all additional requirements.

#### **4. What is the application fee?**

The application fee for application BRP WP 70 and BRP WP70a is \$700.

#### **5. What is the Primary Permit Location? What is the Reserve Copy Location?**

Primary Permit Location:  
Department of Environmental Protection (2 copies)  
1 Winter Street, 5<sup>th</sup> Floor  
Boston, MA 02108  
Title 5 Program



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There is no Reserve Copy Location for this approval.

**6. Where can I get a copy of the timelines?**

The timelines are available on the MassDEP Website:

<http://www.mass.gov/eea/agencies/massdep/service/approvals/timely-action-fees-and-payments.html>

**7. What is the annual compliance fee?**

There is no annual compliance fee for this category.

**8. How long is this approval in effect?**

This approval will remain valid as long as the system and facility served remain unchanged or until MassDEP revokes or modifies the approval.

**9. How can I avoid the most common mistakes made in applying for this approval?**

- a. Review application for completeness to be sure all questions are answered correctly.
- b. Make sure two copies of all data submitted for wastewater flows, loadings and constituents for the proposed facility, and any flow data submitted from similar facilities are complete and signed and stamped by a Massachusetts Registered Sanitarian or Professional Engineer.

**10. What are the regulations that apply to this approval? Where can I get copies?**

These regulations include, but are not limited to:

- a. Title 5 Regulations, 310 CMR 15.000.

These may be purchased at:

State House Bookstore  
Room 116  
Boston, MA 02133  
617-727-2834

State Bookstore  
436 Dwight Street, Room 102  
Springfield, MA 01103  
413-784-1376



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### Application Completeness Checklist

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- The MassDEP Transmittal Form is completed:  
<http://www.mass.gov/eea/agencies/massdep/service/approvals/transmittal-form-for-payment.html>.
- A MassDEP application form for the permit category BRP WP 70 or BRP WP 70a has been completed. The following information has been provided:
  - Name and address of applicant/owner.
  - Location (address) of facility.
  - Name, address and telephone number of design engineer or sanitarian.
  - Identification of the variance requested and the necessary documentation to support this request.
- Two (2) complete reports of proposed non sanitary wastewater loadings and flows (BRP WP 70a) or actual water meter readings from established similar installations for alternative Title 5 design flow determinations (BRP WP 70) have been properly signed and stamped by a Massachusetts Registered Professional Engineer or Massachusetts Registered Sanitarian.
- To submit the application package:
  - Checklist items have been completed.
  - Send two copies of the application along with one copy of the MassDEP Transmittal Form to:

Department of Environmental Protection  
Title 5 Program  
1 Winter Street, 5<sup>th</sup> Floor  
Boston, MA 02108



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**BRP WP 70 Alternative Design Flow for Title 5 Systems**  
**BRP WP 70a Non-Sanitary Wastewater Discharges to Title 5 Systems**

Transmittal Number \_\_\_\_\_

Facility ID# (if known) \_\_\_\_\_

Please read the Instructions and Supporting Materials before filling out this form.

**A. General Information**

1. Which permit category are you applying for? Check one box:

BRP WP 70 – Alternative Design Flow for Title 5 System

Please be advised that the purpose of the BRPWP70 Alternative Design Flow in accordance with 310 CMR 15.203(6) is solely for the design of a septic system not for the expansion of a facility, the determination of available capacity in an existing system, or the issuance of an occupancy permit for vacant space in a commercial building. These determinations are made by the Local Approving Authority.

BRP WP 70a – Non-Sanitary Wastewater Discharge to Title 5 System

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



2. Applicant:

Name \_\_\_\_\_

Doing Business as (dba) \_\_\_\_\_

Street Address \_\_\_\_\_

City/Town \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

3. Facility Address / Location (if different from Applicant):

Address \_\_\_\_\_

City/Town \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

4. Professional Consultant (Registered Sanitarian [RS] or Professional Engineer [PE])

Name/Name of Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Telephone \_\_\_\_\_

5. Registration:

P.E. \_\_\_\_\_

Sanitarian \_\_\_\_\_

Registration Number \_\_\_\_\_



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Transmittal Number \_\_\_\_\_

Facility ID# (if known) \_\_\_\_\_

**A. General Information (continued)**

6. Type of facility seeking alternative Title 5 design flow or approval to discharge non-sanitary wastewater to a Title 5 system:

a. Business type/description:

\_\_\_\_\_

b. Size (Sq. ft., seats, units, fixtures, etc.) \_\_\_\_\_

7. The legal entity which owns or will own this facility is:

- |   |   |
|---|---|
| <input type="checkbox"/> Individual             | <input type="checkbox"/> Federal        |
| <input type="checkbox"/> Municipality           | <input type="checkbox"/> State / County |
| <input type="checkbox"/> Private Partnership    | <input type="checkbox"/> Corporation    |
| <input type="checkbox"/> Other (specify): _____ |   |

8. For **WP 70**, two copies of studies or similar type facility flow/loadings data, or for **WP 70a**, a report/description of the non-sanitary wastewater quantity and constituents and loading evaluation, properly stamped and signed by a Massachusetts Registered Professional Engineer or Massachusetts Registered Sanitarian, must accompany the application.

Are studies/data/report enclosed?  Yes  No

Have the data been revised?  Yes  No

\_\_\_\_\_  
 If yes, date of revision

9. In accordance with 310 CMR 15.203(6), the applicant for WP 70 must provide actual water meter readings from similar institutions for alternative Title 5 design flow applications. Design flows will be based upon 200% of a MassDEP accepted average metered similar design flow or on other methods determined to be appropriate by the Department.

Is documentation in support of meeting this requirement attached?  Yes  No

**B. Certification**

“I certify under penalty of law that this document and all attachments, to the best of my knowledge and belief, are true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

\_\_\_\_\_  
 Applicant's signature

\_\_\_\_\_  
 Name of Preparer

\_\_\_\_\_  
 Print Name

\_\_\_\_\_  
 Date